

# WORKFORCE PLANNING GUIDE & WAGE SURVEY

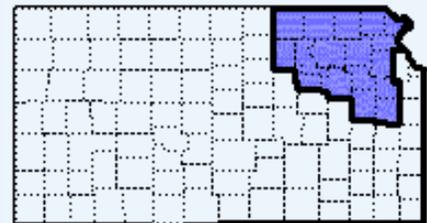


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## Local Area II

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**2002 EDITION**



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**Kansas Department of Human Resources  
Labor Market Information Services**

The Honorable Bill Graves  
Governor  
State of Kansas

Richard E. Beyer, Secretary  
Kansas Department of Human Resources

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The picture on the cover was taken  
by Darren Boaz, Research Analyst.  
It shows a view of the southwest corner  
of the State Capitol building.  
The statue in the foreground, *Pioneer Mother and Child*,  
is a tribute to women pioneers and  
was sculpted by Topeka native, Robert Merrill Gage.

Mission Statement

The mission of Labor Market Information Services  
is to provide the customers  
of the Kansas workforce development system  
with timely, accurate and relevant labor market information  
that will support business and job growth  
in an increasingly competitive global economy.

# WORKFORCE PLANNING GUIDE

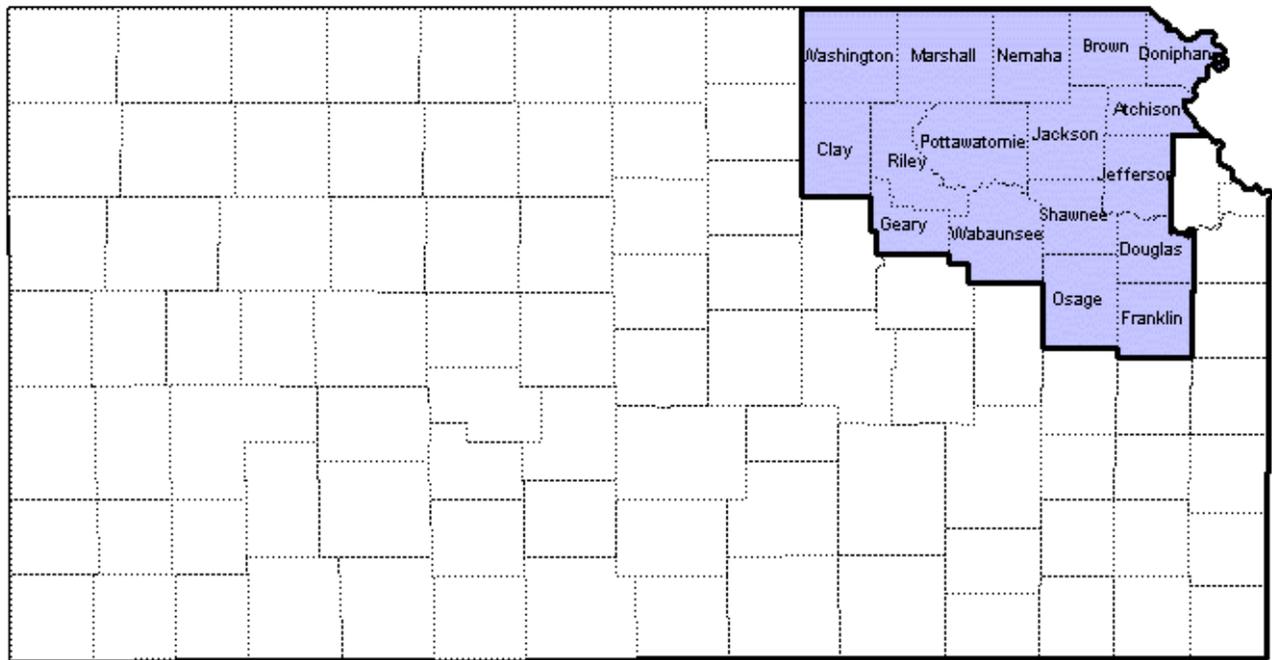


The 2002 Edition of the *Workforce Planning Guide and Wage Survey* is the second annual publication of labor market information for Local Area II.

Labor Market Information Services (LMIS) of the Kansas Department of Human Resources (KDHR) has been involved in the process of providing Kansas workforce development customers with timely, relevant and accurate information to help guide businesses and individuals with decision making.

This publication was designed as a result of the Workforce Investment Act (WIA) of 1998. WIA created an opportunity to build a collaborative employment statistics system, capable of supporting the economic and workforce development goals of the state.

The *Workforce Planning Guide* consolidates the major elements of labor market information for Local Area II into one document that will be published annually.



Atchison  
Brown  
Clay  
Doniphan  
Douglas  
Franklin

Geary  
Jackson  
Jefferson  
Marshall  
Nemaha  
Osage

Pottawatomie  
Riley  
Shawnee  
Wabaunsee  
Washington



## Local Area II 2000 Population and 10 Year Change

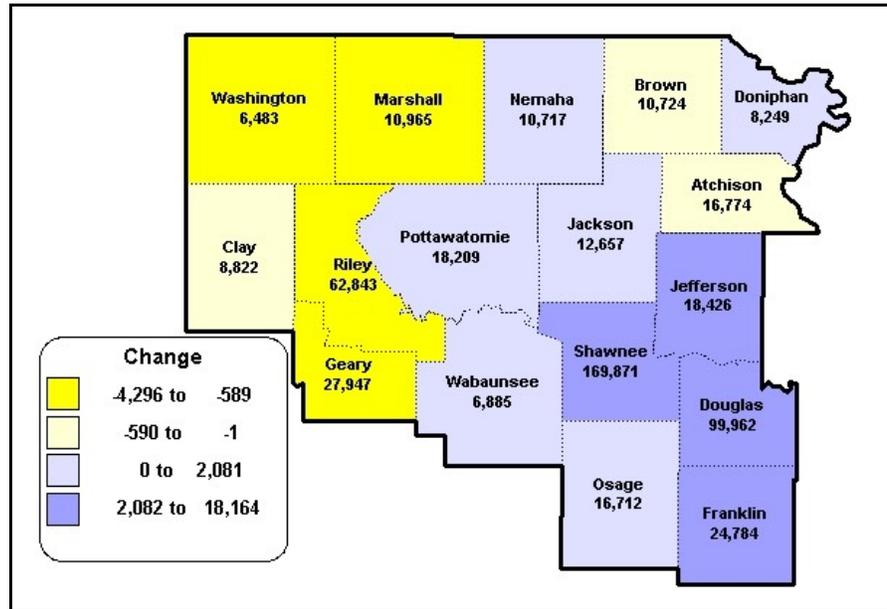
The State of Kansas is divided into five Local Areas. Local Area II is comprised of 17 counties in the north-eastern part of Kansas. Counties in this area border Nebraska and Missouri.

The 17 counties in Area II cover 13 percent of the state, approximately 10,673 square miles.

The population of Local Area II is 531,030 according to the 2000 Census. This is a growth of 5.7 percent, or 28,685, over the last ten years.

Twenty percent of the population in Kansas resides in Area II, making it the fourth largest area in Kansas.

The five most populated counties in Local Area II include Shawnee, Douglas, Riley, Geary and Franklin.

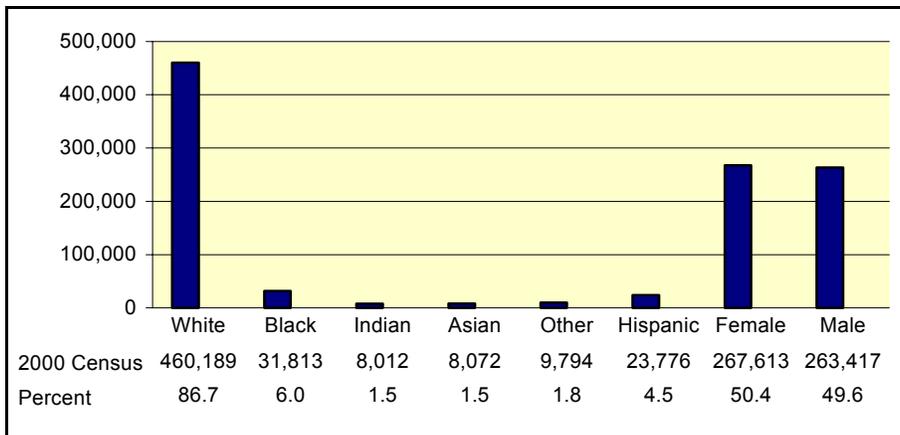


Source: U.S. Census Bureau. 2000 Census.

Note: The figures in each county represent the current population from the 2000 Census. The color chart indicates the change over the ten-year period from the 1990 Census to the 2000 Census.

Three of the top ten most populated counties in Kansas are located in Area II. Shawnee County, with a population of 169,871, Douglas County, at 99,962 and Riley County's 62,843, are ranked third, fifth, and eighth in the state, respectively.

## Local Area II Population by Ethnic Origin and Gender



Source: U.S. Census Bureau. 2000 Census.

Note: Some people may fall into more than one category, therefore, the sum of the categories will not add up to equal the total of all persons.

The population in ten counties within Area II grew during the ten-year period from 1990 to 2000. Douglas County shows the largest jump in population, with a growth of 18,164 people, up 22.2 percent.

Seven counties experienced a decline in population over the ten-year period, with Riley County showing the greatest total loss in population.

The population in Shawnee County represents 32 percent of the total population of Area II.



Three of the top ten most populated cities in the state are in Local Area II. Topeka is ranked the fourth largest city in the state, Lawrence is sixth and Manhattan is ninth.

Four out of the ten largest cities listed are among the largest 25 cities in the state.

The unemployment rate is determined by dividing the number of unemployed by the civilian labor force and expressing it as a percent.

The civilian labor force average for Local Area II represents almost 20 percent of the civilian labor force in Kansas.

### Local Area II 10 Largest Cities

City—County	Population
Topeka - Shawnee	122,377
Lawrence - Douglas	80,098
Manhattan - Riley	44,831
Junction City - Geary	18,886
Ottawa - Franklin	11,921
Atchison - Atchison	10,232
Fort Riley North CDP - Geary	8,114
Clay Center - Clay	4,564
Eudora - Douglas	4,307
Wamego - Pottawatomie	4,246

Source: U.S. Census Bureau. 2000 Census.

### Local Area II Civilian Labor Force

Civilian Labor Force	Area II
<b>Civilian Labor Force</b>	<b>275,485</b>
Employment	263,510
Unemployment	11,975
Unemployment Rate	4.3%

Source: Labor Market Information Services, Kansas Department of Human Resources. 2001 annual averages.

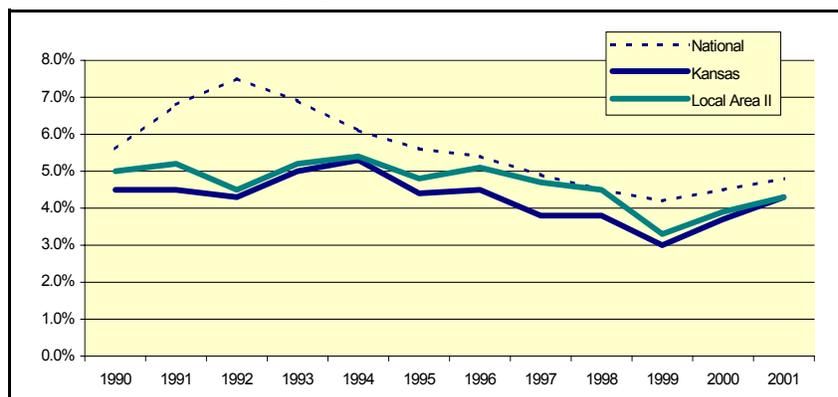
The civilian labor force within Shawnee County, 88,744, is the third largest in the state and represents over 32 percent of the civilian labor force in Area II.

The civilian labor force is an estimate of the number of area residents who either have a job or who are unemployed, and have looked for a job during the last four weeks. The current population survey (CPS), conducted by the U. S. Census Bureau, is used to determine these estimates.

The 2001 unemployment rate for Local Area II was 4.3 percent, the same as the statewide average. The trend over the last ten years has been for a higher unemployment rate for Area II than the statewide rate.

The lowest unemployment rate for 2001 in Area II was Washington County at 3.1 percent.

### Local Area II Unemployment Rate 1990 - 2001



Source: Labor Market Information Services, Kansas Department of Human Resources and the Bureau of Labor Statistics. Annual averages.

The unemployment rate in the city of Lawrence averaged 4.8 percent in 2001. Topeka averaged 4.7 percent and Manhattan averaged 3.4.

The 2001 annual averages indicate that the unemployment rate in Doniphan County, 9.9 percent, was the highest in the state. Geary County, at 7.1 percent, was ranked seventh.

Additional civilian labor force data for specific counties and cities can be found on our Web site at <http://laborstats.hr.state.ks.us>.



The “effective labor force” is a term used by the Docking Institute of Public Affairs in their recent statewide survey. *The*

*Kansas Labor Force Survey* was conducted at the request of the Kansas Department of Human Resources to determine the extent of underemployment in the state.

This research extended our understanding of underemployment and provided valuable information on the potential workforce, which is not included in the standard Bureau of Labor Statistics definition. This group, labeled non-CLF available, includes students, military, retirees and long-term unemployed who might seek employment if the opportunity was presented.

### Local Area II Effective Labor Force

Labor Force	Area II
<b>Effective Labor Force</b>	<b>297,489</b>
Civilian Labor Force*	280,804
Non-CLF Available	16,685

Source: Docking Institute of Public Affairs, Fort Hays State University. *The Kansas Labor Force Survey: The Available Labor Pool*. Published 2002.

\* September 2001 average.

The civilian labor force and the unemployment rate are estimated monthly and often used to measure the health of the economy. However, full employment, or a low unemployment rate, does not necessarily mean there is a shortage of available labor.

The available labor pool represents members of the civilian labor force or potential members of the civilian labor force who indicate they are actively seeking new employment or would consider a new job for the right opportunity.

Results from *The Kansas Labor Force Survey* indicate that almost 63 percent of the effective labor force in Local Area II are considered to be in the available labor pool.

In reality, not all of the available labor pool is actively seeking new job opportunities. Instead, the available labor pool represents those that would consider a different job opportunity given their employment expectations. These expectations are different for each individual, however there are many factors that are common among those willing to consider other employment opportunities.

### Local Area II Available Labor Pool

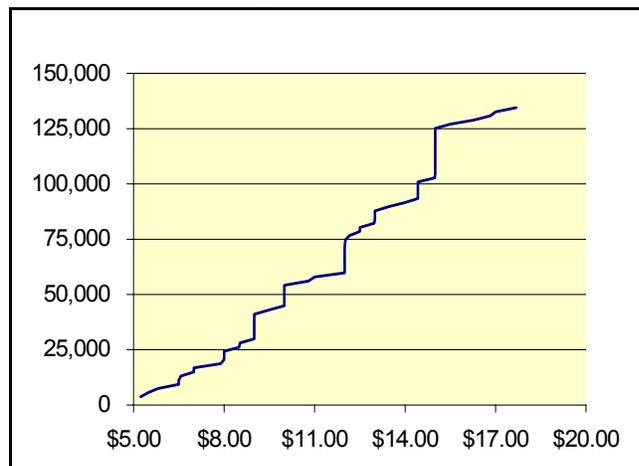
Labor Pool Groups	Area II
<b>Available Labor Pool</b>	<b>186,823</b>
Employed-right opportunity	122,268
Employed-looking	31,831
Unemployed-looking	26,477
Part-time-looking for full time	6,247
<b>Non-available</b>	<b>110,666</b>
Employed - not looking	110,666

Source: Docking Institute of Public Affairs, Fort Hays State University. *The Kansas Labor Force Survey: The Available Labor Pool*. Published 2002.

Results from the *Kansas Labor Force Survey* indicate that well over 90 percent of the available labor pool in Kansas stated that an increase in salary would be very important in their decision to change jobs. Respondents were asked what salary they would need to consider a job opportunity. These results were used to estimate the number of people in the available labor pool that were willing to accept various wage levels.

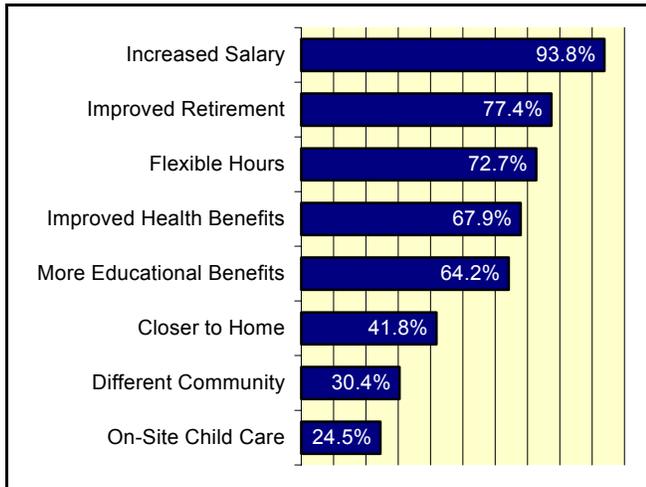
The wage demands in Local Area II ranged from \$5.24 an hour to \$17.68. The important wage thresholds that enlarge the available labor pool are at \$9.00, \$10.00, \$12.00 and \$15.00.

### Local Area II Wage Demands



Source: Docking Institute of Public Affairs, Fort Hays State University. *The Kansas Labor Force Survey: The Available Labor Pool*. Published 2002.

### Kansas Available Labor Pool Important Benefits



Source: Docking Institute of Public Affairs, Fort Hays State University. *The Kansas Labor Force Survey: The Available Labor Pool*. Published 2002.

The survey results also identified the benefits that attract workers in the available labor pool to a new job opportunity. The statewide estimates indicate that, in addition to salary, the available labor pool highly weighs retirement, flexible hours and health benefits when considering another job opportunity.

### Local Area II Labor Supply by Occupational Group

Occupational Groups	Labor	Percent
<b>Available Labor Pool</b>	<b>186,823</b>	<b>100.0</b>
Admin. Support	75,103	40.2
Sales	60,904	32.6
Benchwork	59,410	31.8
Agriculture	59,223	31.7
Services	55,300	29.6
Processing	53,992	28.9
Construction	50,069	26.8
Machine Trades	47,640	25.5

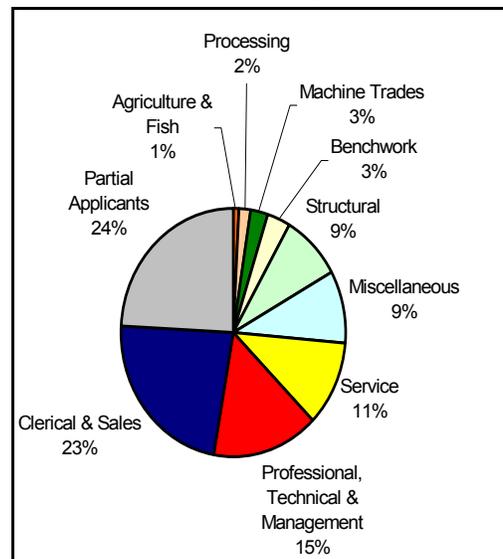
Source: Docking Institute of Public Affairs, Fort Hays State University. *The Kansas Labor Force Survey: The Available Labor Pool*. Published 2002.

Note: Some people may be available for employment in more than one group, therefore, the sum of the groups will not equal the total of the available labor pool.

The labor supply by occupational group represents estimates from *The Kansas Labor Force Survey* who: 1) would consider an employment opportunity in that occupational group, even if it meant switching from their current occupation, or 2) who are currently employed in that occupational group and looking for another job in that same group. Although the occupational groups represent a broad category of occupations, this data shows a more definite picture of the percentage of the labor pool in Area II who are possibly available for certain types of occupations.

In 2001, there was a monthly average of 6,562 job-seekers in Local Area II that were registered with the Kansas Job Service/Workforce Centers. However, there are other people available for employment who are not registered with this service.

### Local Area II Active Jobseekers by Occupation



Source: Job Service Automated Reporting System, Kansas Department of Human Resources. 2001 Average. These are the jobseekers that are registered with a local Job Service/Workforce Center. Partial Applicants: These applicants were not occupationally classified.

Additional statistics indicate that there were approximately 34,597 claims filed in Area II for unemployment benefits in 2001. This number represents over 21 percent of the new and emerging unemployment in the state.



## Local Area II Kansas Covered Employment and Wages by Industry

Industry	Statewide Employment	Area II Employment	Area II Percent of Statewide	Statewide Average Wages	Area II Average Wages	Area II Compared to Statewide
<b>Total</b>	<b>1,321,092</b>	<b>243,732</b>	<b>18.4</b>	<b>\$ 29,802</b>	<b>\$ 26,333</b>	<b>-\$ 3,469</b>
Agriculture	16,581	2,224	13.4	\$ 22,650	\$ 18,267	-\$ 4,383
Mining	7,316	336	4.6	\$ 38,077	\$ 34,856	-\$ 3,221
Construction	64,862	11,842	18.3	\$ 32,942	\$ 30,356	-\$ 2,586
Manufacturing	207,849	25,683	12.4	\$ 38,394	\$ 34,409	-\$ 3,985
Transportation/Public Utilities	82,431	9,187	11.1	\$ 44,367	\$ 37,492	-\$ 6,875
Wholesale Trade	75,548	8,445	11.2	\$ 40,596	\$ 32,667	-\$ 7,929
Retail Trade	242,937	49,892	20.5	\$ 16,116	\$ 15,861	-\$ 255
Finance/Insurance/Real Estate	64,791	12,989	20.0	\$ 38,708	\$ 34,826	-\$ 3,882
Services	325,773	64,218	19.7	\$ 27,127	\$ 22,920	-\$ 4,207
Government	232,999	58,910	25.3	\$ 28,393	\$ 30,332	\$ 1,939

Source: Labor Market Information Services, Kansas Department of Human Resources. Twelve month average for the third quarter 2000 through the second quarter 2001.

Note: Columns do not add due to rounding.

Employment and wage data are extracted from tax documents submitted by employers subject to the Unemployment Security Law. While this is not a measure of all the employment in the state, these reports include the most accurate employment and wage data available.

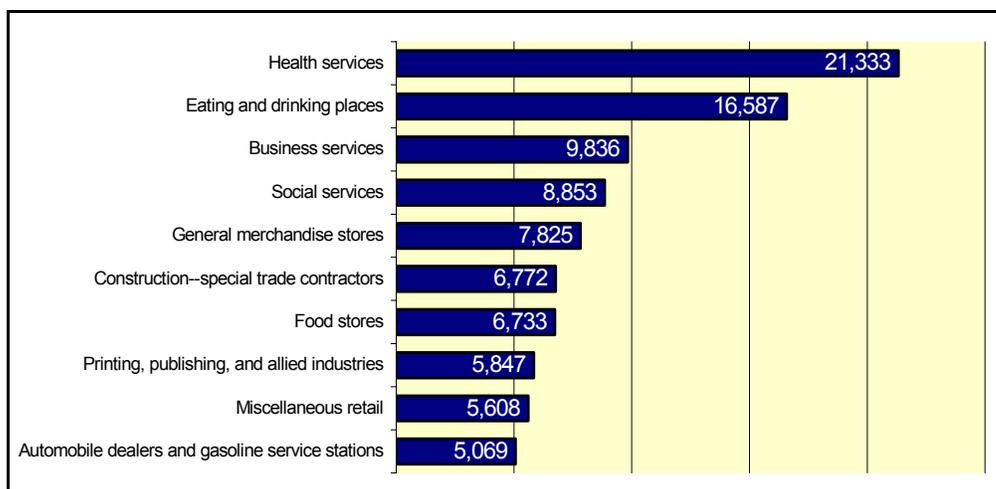
Some groups who are not included in covered employment are: self-employed and unpaid family workers, certain non-profit and membership organizations, railroad employment and some government officials.

Over 26 percent, or 64,218, of the people employed in Area II have jobs in the services industry. Government, at 58,910, and retail trade, with 49,892, also top the 20 percent mark.

The average wages for government employment were found to be higher in Area II, at \$30,332, than the statewide average of \$28,393. This is the only industry where the average wages were found to be higher in Area II than the state.

Five of the top ten groups by employment are in the retail trade industry, while three are in the services industry.

### Local Area II Top 10 Groups by Employment



Source: Labor Market Information Services, Kansas Department of Human Resources. Twelve month average for the third quarter 2000 through the second quarter 2001.



### Local Area II Major Employers

Employer	City
Fort Riley	Fort Riley
Hallmark Cards Inc	Lawrence
Honeywell	Lawrence
Lawrence Memorial Hospital	Lawrence
University of Kansas	Lawrence
Kansas State University	Manhattan
Harrah's Casino	Mayetta
Wal-Mart Distribution Center	Ottawa
Blue Cross & Blue Shield	Topeka
Goodyear Tire & Rubber Co	Topeka
Jostens Printing & Publishing	Topeka
Payless Shoe Source	Topeka
St Francis Hospital & Medicine	Topeka
State of Kansas	Topeka
Stormont Vail Regional Medical Center	Topeka
Washburn University	Topeka

Source: Info USA, America's Labor Market Information System. 2001, 2nd Edition.

Nine firms, located in six counties within Area II, experienced mass layoffs during 2001. Approximately 2,060 workers were affected.

Seven of the major employers in this area are in the services industry, with three of these in health services and three in educational services.

Four of the major employers are in the manufacturing industry and two are in government.

Employment by industry illustrates the project changes in industry division during the ten-year period from 1998 to 2008.

Total employment in Local Area II is expected to grow 16.1 percent, from 270,330 in 1998 to 313,930 in 2008.

The construction industry is expected to lead job creation, growing by 23.1 percent between 1998 and 2008. The service industry is expected to be second in job creation, growing by 22.6 percent.

A mass layoff is defined as a layoff of at least 31-days duration that involves 50 or more individuals from a single establishment, who filed initial claims for unemployment insurance during a consecutive five-week period.

Agriculture is expected to experience the only decline among the industries, with a 14.5 percent decrease in employment.

### Local Area II Employment by Industry 1998-2008

Industry	Average Annual Employment		Change	
	1998	2008	Actual	Percent
<b>Total</b>	<b>270,330</b>	<b>313,930</b>	<b>43,600</b>	<b>16.1</b>
Agriculture	10,150	8,680	-1,470	-14.5
Mining	370	410	40	10.8
Construction	11,050	13,600	2,550	23.1
Manufacturing	25,640	28,850	3,210	12.5
Transportation, Communication, Public Utilities	10,560	12,300	1,740	16.5
Trade, Total	57,970	67,710	9,740	16.8
Wholesale Trade	8,870	10,080	1,210	13.6
Retail Trade	49,100	57,630	8,530	17.4
Finance, Insurance, Real Estate	13,210	15,100	1,890	14.3
Services	94,330	115,650	21,320	22.6
Government	25,810	28,270	2,460	9.5
Self Employed & Unpaid Family Workers	19,800	21,780	1,980	10.0
Private Households	1,440	1,580	140	9.7

Source: Labor Market Information Services, Kansas Department of Human Resources. Kansas Occupational Outlook 2008.



Local Area II  
Average Annual Employment and Job Openings  
1998-2008

Occupational Category	Average Annual Employment		Annual Job Openings		
	1998	2008	Total	Growth or Decline	Replacements
<b>Total</b>	<b>270,330</b>	<b>313,930</b>	<b>10,590</b>	<b>4,260</b>	<b>6,330</b>
Managerial & Administrative	18,620	21,590	670	320	350
Professional, Paraprofessional & Technical	59,980	73,490	2,430	1,310	1,120
Sales & Related	32,320	38,400	1,550	610	940
Clerical & Administrative Support	43,160	47,050	1,260	360	900
Service	52,080	61,750	2,620	970	1,650
Agriculture, Forestry, Fishing & Related	9,640	8,750	170	-90	260
Production, Construction, Operating, Maintenance & Material Handling	54,530	62,900	1,890	780	1,110

Source: Labor Market Information Services, Kansas Department of Human Resources, Kansas Occupational Outlook 2008.

Job openings are created in two ways. Either, new jobs are created, or existing jobs are vacated through retirement or other forms of separation.

Average annual job openings resulting from growth are determined by dividing total growth over the 1998 – 2008 period by ten. Replacement job openings due to workers retiring are based on census data. Combined, these two types of job openings equal total job openings. Job openings from turnover and promotions are not included.

Between 1998 and 2008, an estimated 10,590 new job openings are expected annually.

The largest number of average annual job openings, 2,620, is reflected in the service occupational group.

The lowest level of new job openings, 170 annually, is in the group of agricultural, forestry and fishing occupations.

Local Area II  
Fastest Growing Occupations  
1998-2008

Occupational Title	Average Annual Employment		Change	
	1998	2008	Actual	Percent
<b>Total</b>	<b>11,100</b>	<b>15,760</b>	<b>4,660</b>	<b>42.0</b>
Systems Analysts	780	1,330	550	70.5
Computer Support Specialists	760	1,250	490	64.5
Social/Human Service Assistants	740	1,110	370	50.0
Telemarketers/Door Sales/Related Workers	990	1,480	490	49.5
Social Workers, Except Med/Psychtric	1,360	1,890	530	39.0
Correctional Officers	1,480	2,010	530	35.8
Teacher Aides, Paraprofessional	2,250	3,040	790	35.1
Teachers, Special Education	830	1,120	290	34.9
Home Health Aides	1,150	1,530	380	33.0
Police Patrol Officers	760	1,000	240	31.6

Source: Labor Market Information Services, Kansas Department of Human Resources, Kansas Occupational Outlook 2008.

Local Area II  
Declining Occupations  
1998-2008

Occupational Title	Average Annual Employment		Change	
	1998	2008	Actual	Percent
<b>Total</b>	<b>6,330</b>	<b>5,230</b>	<b>-1,100</b>	<b>-17.4</b>
Farm Workers, except Agriculture Services	1,890	1,400	-490	-25.9
Farm Equipment Operators	2,000	1,600	-400	-20.0
Agriculture/Forestry/Fishing Workers, NEC	2,380	2,040	-340	-14.3
Farm Managers	1,190	1,030	-160	-13.4
Bank Tellers	1,250	1,200	-50	-4.0

Source: Labor Market Information Services, Kansas Department of Human Resources. Kansas Occupational Outlook 2008.  
NEC: Not elsewhere classified.

The second fastest growing occupation in Area II is computer support specialists, growing by 64.5 percent, with annual openings of 490.

Among the fastest growing occupations, the greatest number of jobs will be created in the occupation of teacher aides,

paraprofessional, which will add 790 jobs.

Fast growing occupations include those with 1,000 or more employment in 2008 and a percent change in employment from 1998 of 31.0 percent, twice that of the statewide average of 15.5 percent for all occupations.

Declining occupations include those with 1,000 or more employment in 2008 and a decrease in employment from 1998 to 2008.

The occupation of systems analyst is expected to be the fastest growing occupation, growing by 70.5 percent or 550 new jobs annually.

Four of the five occupations listed as a declining occupation are in agriculture. This industry is consistently declining across the state.

Local Area II  
Top 10 Occupations Adding the Most Jobs  
1998-2008

Occupational Title	Average Annual Employment		Change	
	1998	2008	Actual	Percent
<b>Total</b>	<b>51,050</b>	<b>61,970</b>	<b>10,920</b>	<b>21.4</b>
Cashiers	7,090	8,840	1,750	24.7
Retail Salespersons	8,880	10,320	1,440	16.2
Registered Nurses	4,640	5,940	1,300	28.0
General Managers & Top Executives	6,810	8,080	1,270	18.6
Office Clerks, General	6,190	7,180	990	16.0
Nursing Aides/Orderlies/Attendants	3,430	4,350	920	26.8
Teachers, Secondary School	3,510	4,360	850	24.2
Marketing/Sales Supervisors	4,090	4,910	820	20.0
Teacher Aides, Paraprofessional	2,250	3,040	790	35.1
Waiters & Waitresses	4,160	4,950	790	19.0

Source: Labor Market Information Services, Kansas Department of Human Resources, Kansas Occupational Outlook 2008.

Farm workers, except agriculture services will see the largest overall decrease in employment falling from 1,890 in 1998 to 1,400 in 2008.

Cashiers are at the top of the list as an occupation adding the most jobs, with a growth of 1,750 new jobs.

Teacher aides, paraprofessionals, with a percent growth of 35.1 percent, lead the list as an occupation with the largest percentage growth.

General office clerks will experience the smallest percentage increase, growing by only 16.0 percent.



Local Area II  
Higher Educational Institutions

The Workforce Investment Act provides funding for eligible individuals to attend training at local educational facilities.

In addition to the list of higher education institutions and locations, many colleges offer courses at off-campus locations in this area.

Records from the Kansas Department of Education indicate there were over 5,600 high school graduates during the 1999-2000 school year in this area.

There were 1,731 childcare providers in Local Area II that were registered with the Kansas Department of Health and Environment as of June 2001.

To obtain assistance with contacting a licensed childcare facility in a specific county, contact: Kansas Department of Health and Environment at (785) 296-1522.

The median age of persons in this area is 36.5 years according to the 2000 census.

Assistance is available for both job seekers and employers at any of the Kansas Job Service/Workforce Centers or on the internet at [www.kansasjoblinks.com](http://www.kansasjoblinks.com).

Job referrals are available when you are qualified for jobs listed with the office. In addition, assessment services are also available to help discover career interest, aptitudes, educational level and work values.

For additional employment-related assistance, the Kansas Department of Human Resources Web site is [www.hr.state.ks.us](http://www.hr.state.ks.us)

School	City
Benedictine College	Atchison
Northeast Kansas Area Vo-Tech	Atchison
Baker University	Baldwin
Stroud Truck Driving Academy, Inc.	Elwood
Northeast Kansas Community Action	Hiawatha
Highland Community College	Highland
Fundamental Technologies, LLC	Lawrence
Haskell Indian Nations University	Lawrence
Helping Hand of Goodwill Industries of Kansas	Lawrence
JobLink...a Division of Cottonwood, Inc.	Lawrence
Kansas Legal Services	Lawrence
Kansas School of Floral Design	Lawrence
Lawrence Air Service	Lawrence
Lawrence Beauty Academy	Lawrence
Lawrence Career College	Lawrence
Lawrence Independence, Inc.	Lawrence
Real Estate School of Lawrence	Lawrence
University of Kansas	Lawrence
American Institute of Baking	Manhattan
Crums Beauty College	Manhattan
Flint Hills Job Corp	Manhattan
Kansas State University	Manhattan
Manhattan Area Vocational School	Manhattan
Manhattan Christian College	Manhattan
North Central - Flint Hills Area Agency of Aging	Manhattan
Adult Education Center	Ottawa
Ottawa University	Ottawa
Affordable Computer Training & Skills Testing, Inc.	Topeka
American Academy of Hair Design	Topeka
Antioch Family Life Center	Topeka
Baker University School of Nursing	Topeka
Bryan Career College	Topeka
Community College of Cosmetology	Topeka
Computech Service of Kansas	Topeka
Dental Careers Academy	Topeka
Friends University	Topeka
Helping Hand of Goodwill Industries of Kansas	Topeka
Inland Business Systems Inc.	Topeka
International Black Student Alliance, Inc.	Topeka
Kansas Legal Services	Topeka
Kaw Area Vocational School	Topeka
Recipients, Inc.	Topeka
Stuppy Mid-America School of Floral Design	Topeka
The Listrom Corp. dba ASTI	Topeka
Topeka Housing and Neighborhood Development	Topeka
Topeka Institute of Real Estate	Topeka
Topeka Technical College	Topeka
Washburn University	Topeka

Source: Kansas Department of Education, the National Center for Education Statistics and [www.kansasjoblink.com](http://www.kansasjoblink.com)

### Local Area II Kansas Job Service/Workforce Centers

County	City	Address	Telephone
Atchison	Atchison	818 Kansas Ave	(913) 367-3283
Douglas	Lawrence	2540 Iowa St, Ste R	(785) 840-9675
Geary	Junction City	1012 W 6th St, Ste A	(785) 762-8870
Riley	Manhattan	205 S 4th St, Ste 1A	(785) 539-5691
Shawnee	Topeka	1430 SW Topeka Blvd	(785) 235-5627

Source: *Employment & Training, Kansas Department of Human Resources.*

Median household income is one indicator that can be used to measure the wealth of the population of an area. It is determined by dividing all cases into two equal parts; one-half fall below the median and one-half exceed the median.

The average median household income for Local Area II is \$34,493. This average is \$1,995 lower than the statewide average of \$36,488.

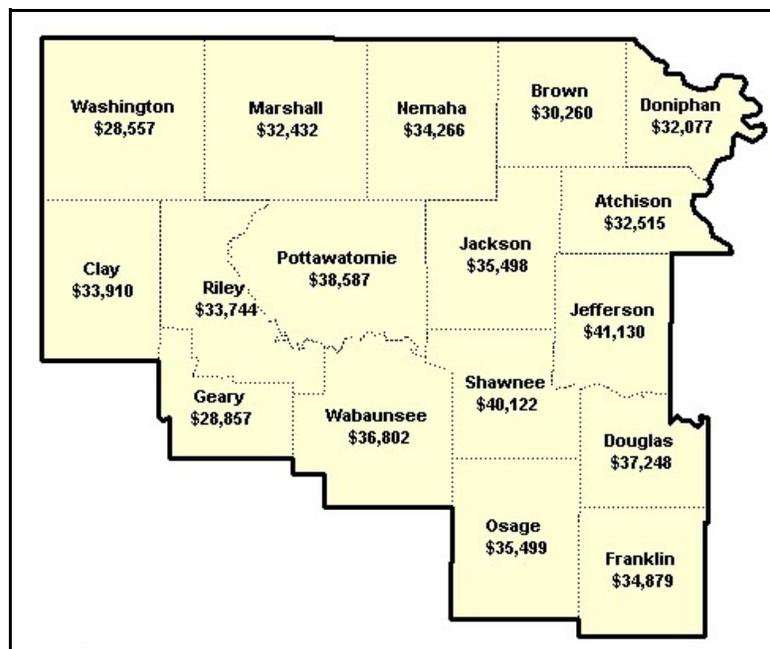
Five counties in Area II have a median household income that is higher than the state average. These five counties are Douglas, Jefferson, Pottawatomie, Shawnee and Wabaunsee.

Jefferson County, with a median household income of \$41,130, is ranked sixth in the state and is the only county in this area among the top ten counties in Kansas with the highest median household income.

Per capita personal income is another measure of the wealth of an area's population as well as an indicator of the economic health of an area. It is determined by dividing the total personal income of county residents by the total population of the county.

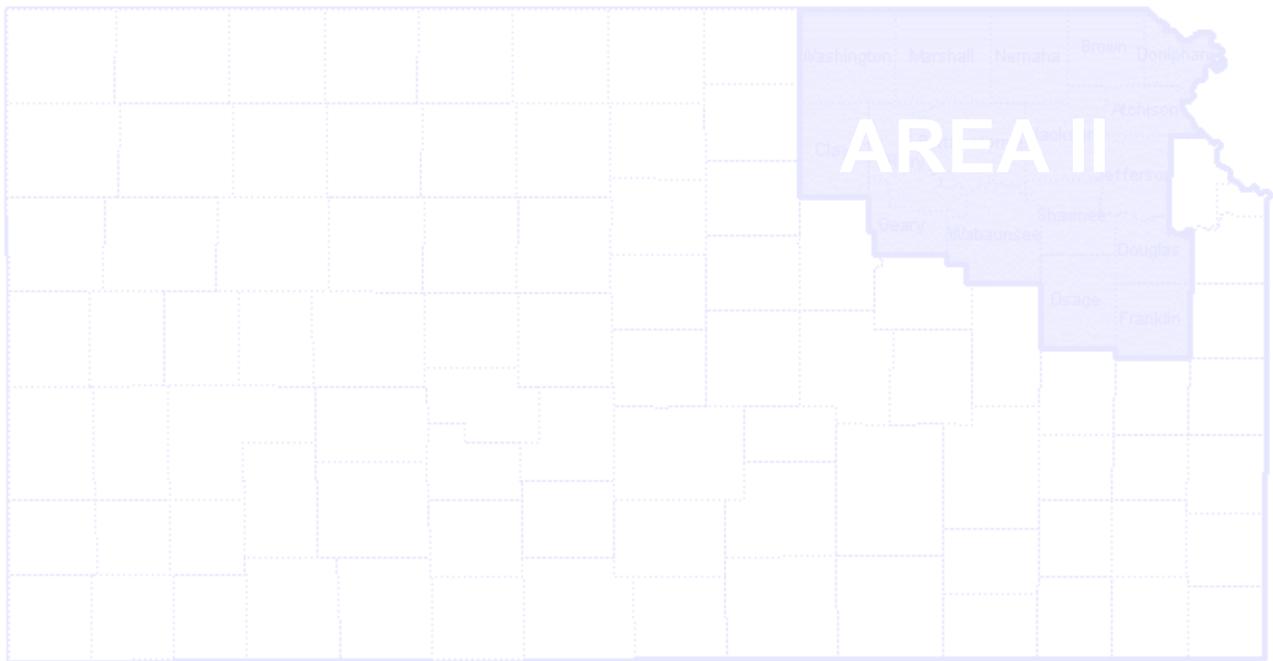
The average per capita personal income for Local Area II is \$22,286, compared to the statewide average of \$26,705.

### Local Area II Median Household Income



Source: *U.S. Census Bureau. November 2000.*

# Notes



# WAGE SURVEY



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## Overview

**Occupational Employment Statistics (OES) Program**—Occupational and wage data are collected under the Occupational Employment Statistics (OES) program of the United States Department of Labor. The Bureau of Labor Statistics and the Employment and Training Administration contract with Labor Market Information Services, Kansas Department of Human Resources to collect wage data from employers. The OES program started in Kansas in 1979 and has been responsible for providing occupational employment demand information for the state since that time. In 1996, the OES program assumed collection of occupational wage information to lessen the reporting burden on employers. From the survey results, estimates of wages and employment by occupation are produced for the country. To access information for other states and national averages, the following web address is available: [http://www.bls.gov/oes/national/oes\\_nat.htm](http://www.bls.gov/oes/national/oes_nat.htm).

**Coding Occupations**—The Occupational Employment Statistics (OES) survey is an annual mail survey measuring occupational employment and wage rates for wage and salary workers in non-farm establishments, by industry. The Standard Occupational Classification (SOC) System is used to code occupations and was developed in response to a growing need for a universal occupational classification system. The system is used by all Federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data. All workers are classified into one of over 820 occupations according to their classification; occupations are combined to form 22 major groups, 96 minor groups and 449 broad occupations. Each broad occupation includes detailed occupations requiring similar job duties, skills, education or experience.

**Local Area II**—The Local Area II *Workforce Planning Guide & Wage Survey, 2002 Edition*, contains the most current wage information available. Collection activities were completed in August 2001. Wage data continues to be the most requested information produced by Labor Market Information Services. The data for over 500 occupations is presented in mean and median hourly wages, with an additional 36 shown as annual wages. Wage data for the state, four Metropolitan Statistical Areas (MSA) and the Balance of State can be found in the *Kansas Wage Survey* or on our website at <http://laborstats.hr.state.ks.us>.

**The Wage Survey**—Unemployment Insurance (UI) files provide the universe from which the OES survey draws its sample. The employment benchmarks are obtained from reports submitted by employers to the UI program. In some non-manufacturing industries, supplemental sources are used for establishments not reporting to the UI program. The OES survey sample is stratified by area, industry, and size class. Employers are the only source of data used to estimate wages and are among the top users of the information. The survey is primarily collected by mail. However, employers have available a toll-free line for making inquiries and reporting employment and wages. Follow-up reminder postcards are sent to sample units that do not respond after the first mailing. In addition, phone calls are made to clarify reported data and to encourage employer participation.

**Employment Estimates**—Employment estimates are for the fourth quarter of 2000. The estimates reflect only wage and salary employment. Occupational estimates for total employment are contained in the *Kansas Occupational Outlook*. The outlook employment estimates include self-employment and unpaid family workers, and workers not covered under the Kansas Unemployment Insurance Program.

Continued on page 16.



Continued from page 15.

**Wage Updating**—Wages were updated to the fourth quarter of 2001 using the Employment Cost Index (ECI). The ECI, administered as part of BLS National Compensation Survey, is computed quarterly from data collected in March, June, September, and December. The ECI measures changes in hourly labor compensation, free from the influence of employment shifts among occupations and industries, and is based on data originally obtained through the Occupational and Employment Survey (OES) which is conducted annually by the State of Kansas. Studies have shown that the ECI is a reliable and valid indicator of employment cost changes from quarter to quarter and many states, including Kansas, use the index to make wage estimates based on OES data more current. For additional information, access the Bureau of Labor Statistics at <http://www.bls.gov/>, or call Labor Market Information Services, Kansas Department of Human Resources at 785-296-5058.

**General**—In 1999 the Occupational Employment Survey (OES) began using the Office of Management and Budget's (OMB) new occupational classification system—the Standard Occupational Classification System (SOC). The SOC system is the first OMB required occupational classification system for Federal agencies. The OES survey uses 22 major occupational groups from the SOC to categorize workers in one of over 820 detailed occupations.

**Wages**—The wages for the OES survey are straight-time, gross pay, exclusive of premium pay. Included are base rate, cost-of-living allowances, guaranteed pay, hazardous-duty pay, and incentive pay including commissions and production bonuses, and on-call pay. Excluded are back pay, jury duty pay, overtime pay, severance pay, shift differentials, non-production bonuses, and tuition reimbursements. Wages were updated to the fourth quarter of 2001 using ECI factors.

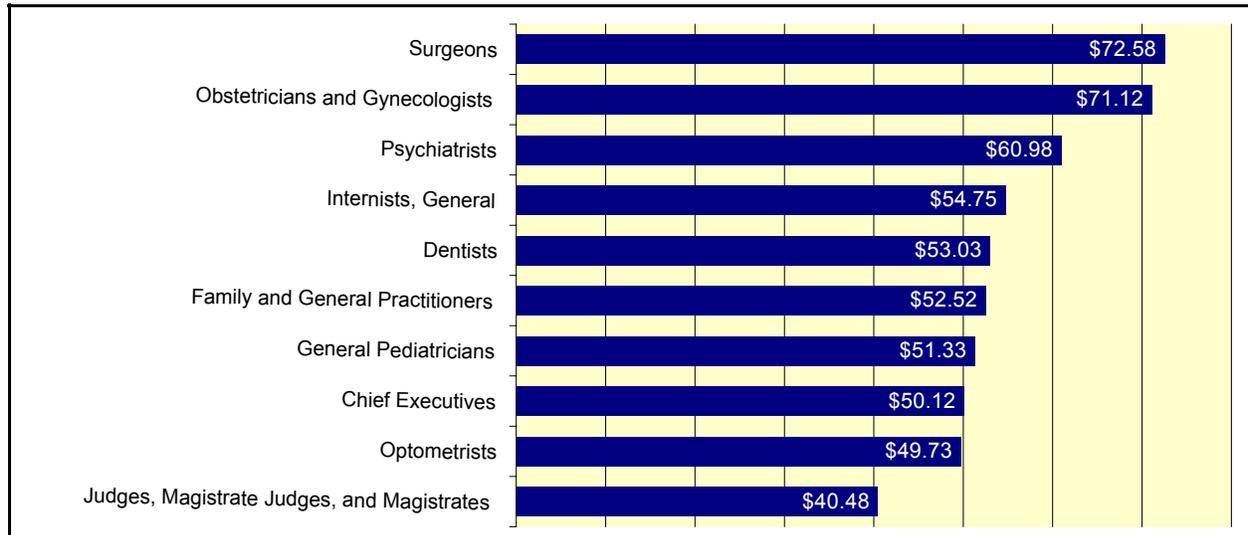
**Annual Wages**—Most employees are paid at an hourly rate by their employers and may work less than or more than 40 hours per week. There are a small number of occupations where an annual wage figure is provided. The workers in these occupations are paid based on an annual amount, but generally work less than the usual 2,080 hours per year. Since the survey does not collect the actual hours worked, the hourly rate cannot be calculated with a reasonable degree of confidence from the annual wages. For this reason, only the annual salary is reported for these occupations. Occupations that typically have a work-year of less than 2,080 hours include musical and entertainment occupations, flight attendants and pilots and teachers. Annual wages were updated to the fourth quarter of 2001 using ECI factors.

**Not Available (N.A.)**—In some instances employment or wage data is not available. Confidentiality and disclosure factors are considered in these designations.

Five of the top ten highest paying occupations in Area II are also among the top ten in the other four areas. These occupations are surgeons, obstetricians/gynecologist, family/general practitioners, internists and chief executives.

Eight of the top ten highest paying occupations in Local Area II are in the healthcare practitioners and technical occupational group, while one is in the legal occupational group and one is in management.

### Local Area II Top 10 Highest Paying Occupations



Source: Labor Market Information Services, Kansas Department of Human Resources. Average wages for fourth quarter 2001.

The table below lists selected occupations where the average wages were found to be higher in Area II than the statewide average. This list represents ten occupations where a significant difference was present.

Wages for all occupations in Area II can be compared to wages in the other local areas, metropolitan statistical areas (MSA) and the state averages by accessing our Web site at <http://laborstats.hr.state.ks.us>.

### Local Area II Selected Occupations with Wages Higher than the Statewide Average

Occupational Title	Area II Mean Wage	State Mean Wage	Difference
Insurance Underwriters	\$ 36.83	\$ 29.47	\$ 7.36
Optometrists	\$ 49.73	\$ 44.52	\$ 5.21
First-Line Supervisors/Managers, Protective Service Workers, All Other	\$ 19.53	\$ 14.48	\$ 5.05
Electrical and Electronics Drafters	\$ 21.68	\$ 16.66	\$ 5.02
Aircraft Cargo Handling Supervisors	\$ 25.79	\$ 20.93	\$ 4.86
Dentists	\$ 53.03	\$ 48.56	\$ 4.47
Education Administrators, Postsecondary	\$ 34.49	\$ 30.17	\$ 4.32
Dental Hygienists	\$ 28.53	\$ 24.31	\$ 4.22
Agricultural and Food Scientists	\$ 26.64	\$ 22.49	\$ 4.15
Electric Motor, Power Tool, and Related Repairers	\$ 18.77	\$ 14.98	\$ 3.79

Source: Labor Market Information Services, Kansas Department of Human Resources. Fourth quarter 2001.



## Explanation of Data

**Code**—The six digit code assigned to occupations from the Standard Occupational Classification System (SOC).

**Occupational Title**—The title assigned to the occupation from the Standard Occupational Classification System (SOC).

**Estimated Employment**—The estimate of total wage and salary employment by occupation based on data received during the fourth quarter of 2000.

**Mean Wage** —The estimated total wages for an occupation divided by its employment. Estimate updated to the fourth quarter of 2001.

**Median Wage**—The estimated 50th percentile of the distribution of wages. Estimate updated to the fourth quarter of 2001.

**Annual Wages**—Listed on page 33. Wages reported by specific occupational groups who traditionally work less than 2,080 hours each year. Estimate updated to the fourth quarter of 2001.

**Definition of Occupational Titles**—The definitions and illustrative examples of each occupation listed can be found in the *Kansas Wage Survey* or at our Web site at <http://laborstats.hr.state.ks.us>.

The following is a sample of the occupational data from Local Area II. Illustrated are the mean and median hourly wages for Human Resources Managers and the estimated number of employees for this region. This occupation can be found under the occupational group, Management Occupations, listed on page 19.

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
<b>Management Occupations</b>				
11-3040	Human Resources Managers	350	\$29.15	\$26.93

Local Area II  
Wages by Occupation



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
<b>Management Occupations</b>				
11-1011	Chief Executives	580	\$50.12	\$52.10
11-1021	General and Operations Managers	5,700	\$26.17	\$23.28
11-1031	Legislators	300	\$23.76	\$21.88
11-2011	Advertising and Promotions Managers	160	\$24.08	\$18.96
11-2021	Marketing Managers	280	\$24.34	\$21.54
11-2022	Sales Managers	390	\$31.22	\$29.24
11-2031	Public Relations Managers	160	\$25.14	\$23.39
11-3011	Administrative Services Managers	690	\$21.17	\$19.48
11-3021	Computer and Information Systems Managers	370	\$31.89	\$30.80
11-3031	Financial Managers	1,040	\$27.85	\$26.39
11-3040	Human Resources Managers	350	\$29.15	\$26.93
11-3051	Industrial Production Managers	330	\$26.99	\$25.19
11-3061	Purchasing Managers	170	\$28.87	\$26.25
11-3071	Transportation, Storage, and Distribution Managers	250	\$27.85	\$27.27
11-9021	Construction Managers	490	\$20.75	\$17.40
11-9031	Education Administrators, Preschool and Child Care Center/Program	130	\$14.88	\$13.61
11-9033	Education Administrators, Postsecondary	40	\$34.49	\$36.58
11-9041	Engineering Managers	140	\$35.73	\$34.29
11-9051	Food Service Managers	740	\$15.55	\$15.54
11-9071	Gaming Managers	30	\$25.48	\$23.11
11-9081	Lodging Managers	80	\$12.34	\$11.00
11-9111	Medical and Health Services Managers	520	\$24.69	\$23.97
11-9121	Natural Sciences Managers	80	\$35.22	\$35.13
11-9131	Postmasters and Mail Superintendents	120	\$20.52	\$20.49
11-9141	Property, Real Estate, and Community Association Managers	270	\$14.75	\$12.82
11-9151	Social and Community Service Managers	210	\$18.94	\$17.75
11-9199	Managers, All Other	900	\$27.16	\$25.46
<b>Business and Financial Operations Occupations</b>				
13-1021	Purchasing Agents and Buyers, Farm Products	30	\$18.74	\$22.85
13-1022	Wholesale and Retail Buyers, Except Farm Products	500	\$19.94	\$20.04
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	290	\$19.82	\$18.92
13-1031	Claims Adjusters, Examiners, and Investigators	400	\$21.22	\$20.88
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	510	\$18.00	\$17.10
13-1051	Cost Estimators	400	\$20.69	\$20.04
13-1061	Emergency Management Specialists	110	\$16.46	\$16.26
13-1071	Employment, Recruitment, and Placement Specialists	290	\$18.21	\$18.26
13-1072	Compensation, Benefits, and Job Analysis Specialists	80	\$19.51	\$19.45
13-1073	Training and Development Specialists	420	\$17.09	\$16.77
13-1111	Management Analysts	700	\$21.94	\$20.11
13-1121	Meeting and Convention Planners	80	\$16.24	\$15.11



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
13-1199	Business Operations Specialists, All Other	1,450	\$18.21	\$16.74
13-2011	Accountants and Auditors	1,700	\$17.59	\$16.31
13-2021	Appraisers and Assessors of Real Estate	210	\$19.50	\$17.16
13-2031	Budget Analysts	110	\$23.61	\$22.06
13-2051	Financial Analysts	140	\$22.90	\$21.43
13-2052	Personal Financial Advisors	170	\$27.88	\$23.35
13-2053	Insurance Underwriters	70	\$36.83	\$35.91
13-2071	Loan Counselors	20	\$11.91	\$10.86
13-2072	Loan Officers	520	\$21.03	\$20.21
13-2081	Tax Examiners, Collectors, and Revenue Agents	40	\$23.30	\$24.16
13-2099	Financial Specialists, All Other	180	\$21.28	\$21.61
<b>Computer and Mathematical Occupations</b>				
15-1011	Computer and Information Scientists, Research	NA	\$31.53	\$32.04
15-1021	Computer Programmers	480	\$25.07	\$24.05
15-1031	Computer Software Engineers, Applications	110	\$28.29	\$27.78
15-1032	Computer Software Engineers, Systems Software	110	\$26.59	\$26.02
15-1041	Computer Support Specialists	460	\$15.48	\$14.70
15-1051	Computer Systems Analysts	560	\$23.52	\$22.37
15-1061	Database Administrators	80	\$21.61	\$20.95
15-1071	Network and Computer Systems Administrators	310	\$21.13	\$20.07
15-1081	Network Systems and Data Communications Analysts	160	\$23.34	\$22.75
15-1099	Computer Specialists, All Other	40	\$15.96	\$13.83
15-2031	Operations Research Analysts	60	\$22.94	\$21.77
<b>Architecture and Engineering Occupations</b>				
17-1011	Architects, Except Landscape and Naval	100	\$24.83	\$22.03
17-1012	Landscape Architects	10	\$19.07	\$19.23
17-1021	Cartographers and Photogrammetrists	30	\$17.31	\$16.94
17-1022	Surveyors	120	\$16.32	\$16.76
17-2051	Civil Engineers	390	\$28.36	\$28.15
17-2061	Computer Hardware Engineers	10	\$28.77	\$25.04
17-2071	Electrical Engineers	140	\$29.52	\$28.98
17-2072	Electronics Engineers, Except Computer	180	\$30.36	\$29.48
17-2081	Environmental Engineers	60	\$25.50	\$26.25
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	50	\$22.99	\$24.28
17-2112	Industrial Engineers	130	\$22.40	\$24.56
17-2141	Mechanical Engineers	220	\$31.83	\$26.68
17-2199	Engineers, All Other	180	\$21.66	\$21.36
17-3011	Architectural and Civil Drafters	80	\$14.48	\$13.89
17-3012	Electrical and Electronics Drafters	40	\$21.68	\$21.80
17-3013	Mechanical Drafters	100	\$16.99	\$17.29
17-3022	Civil Engineering Technicians	150	\$14.47	\$13.12

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
17-3023	Electrical and Electronic Engineering Technicians	190	\$20.24	\$20.88
17-3025	Environmental Engineering Technicians	10	\$18.68	\$18.65
17-3026	Industrial Engineering Technicians	40	\$22.35	\$21.67
17-3027	Mechanical Engineering Technicians	60	\$18.96	\$17.30
17-3031	Surveying and Mapping Technicians	250	\$13.64	\$13.17
17-3099	All Other Drafters, Engineering, and Mapping Technicians	730	\$15.78	\$15.30
<b>Life, Physical, and Social Science Occupations</b>				
19-1010	Agricultural and Food Scientists	60	\$26.64	\$25.48
19-1022	Microbiologists	30	\$18.06	\$18.22
19-1023	Zoologists and Wildlife Biologists	60	\$21.31	\$19.71
19-1031	Conservation Scientists	30	\$24.66	\$24.97
19-2021	Atmospheric and Space Scientists	20	\$27.55	\$30.90
19-2031	Chemists	170	\$20.71	\$19.41
19-2041	Environmental Scientists and Specialists, Including Health	240	\$21.99	\$21.54
19-2042	Geoscientists, Except Hydrologists and Geographers	70	\$21.72	\$21.39
19-2043	Hydrologists	40	\$22.88	\$20.76
19-3021	Market Research Analysts	80	\$19.41	\$17.58
19-3022	Survey Researchers	110	\$16.92	\$16.33
19-3031	Clinical, Counseling, and School Psychologists	310	\$20.06	\$19.57
19-3051	Urban and Regional Planners	60	\$22.03	\$21.57
19-3099	Social Scientists and Related Workers, All Other	180	\$16.25	\$18.45
19-4021	Biological Technicians	50	\$13.80	\$13.66
19-4031	Chemical Technicians	80	\$14.58	\$14.57
19-4091	Environmental Science and Protection Technicians, Including Health	160	\$16.57	\$16.20
19-4093	Forest and Conservation Technicians	60	\$16.06	\$16.19
19-4099	Life, Physical, and Social Science Technicians, All Other	100	\$15.90	\$15.61
<b>Community and Social Services Occupations</b>				
21-1011	Substance Abuse and Behavioral Disorder Counselors	110	\$12.83	\$12.22
21-1012	Educational, Vocational, and School Counselors	250	\$18.00	\$18.64
21-1014	Mental Health Counselors	40	\$15.50	\$14.69
21-1015	Rehabilitation Counselors	540	\$11.16	\$10.06
21-1021	Child, Family, and School Social Workers	330	\$13.05	\$12.35
21-1022	Medical and Public Health Social Workers	190	\$15.40	\$15.31
21-1023	Mental Health and Substance Abuse Social Workers	470	\$15.36	\$15.35
21-1091	Health Educators	110	\$14.02	\$12.76
21-1092	Probation Officers and Correctional Treatment Specialists	170	\$16.18	\$16.26
21-1093	Social and Human Service Assistants	610	\$10.52	\$10.42
21-2011	Clergy	40	\$19.78	\$17.02
21-9099	All Other Counselors, Social and Religious Workers	210	\$14.94	\$13.47
<b>Legal Occupations</b>				
23-1011	Lawyers	510	\$26.69	\$24.29
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	10	\$36.10	\$30.51



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
23-1023	Judges, Magistrate Judges, and Magistrates	200	\$40.48	\$47.53
23-2011	Paralegals and Legal Assistants	170	\$14.20	\$13.36
23-2091	Court Reporters	90	\$18.74	\$18.87
23-2092	Law Clerks	40	\$10.09	\$10.02
23-2093	Title Examiners, Abstractors, and Searchers	90	\$11.27	\$11.36
23-9099	All Other Legal and Related Workers	360	\$15.38	\$15.68
<b>Education, Training, and Library Occupations</b>				
25-1194	Vocational Education Teachers, Postsecondary	40	\$17.79	\$18.23
25-2011	Preschool Teachers, Except Special Education	550	\$8.84	\$8.43
25-3021	Self-Enrichment Education Teachers	330	\$16.77	\$16.79
25-4010	Archivists, Curators, and Museum Technicians	60	\$12.59	\$12.36
25-4021	Librarians	330	\$17.27	\$18.62
25-4031	Library Technicians	330	\$9.39	\$8.77
25-9031	Instructional Coordinators	70	\$19.29	\$18.07
<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>				
27-1014	Multi-Media Artists and Animators	10	\$13.95	\$14.65
27-1023	Floral Designers	30	\$9.33	\$9.42
27-1024	Graphic Designers	260	\$12.12	\$12.27
27-1025	Interior Designers	120	\$27.39	\$30.82
27-1026	Merchandise Displayers and Window Trimmers	40	\$10.23	\$10.23
27-2031	Dancers	40	\$6.04	\$6.18
27-3010	Announcers	190	\$8.56	\$7.59
27-3020	News Analysts, Reporters and Correspondents	100	\$16.23	\$10.82
27-3031	Public Relations Specialists	310	\$21.66	\$19.61
27-3041	Editors	130	\$15.41	\$14.84
27-3042	Technical Writers	20	\$23.42	\$18.40
27-3043	Writers and Authors	150	\$9.57	\$8.23
27-3091	Interpreters and Translators	20	\$14.68	\$13.39
27-3099	Media and Communication Workers, All Other	40	\$12.50	\$12.76
27-4011	Audio and Video Equipment Technicians	20	\$10.69	\$8.98
27-4014	Sound Engineering Technicians	NA	\$19.75	\$19.98
27-4021	Photographers	120	\$9.00	\$7.14
27-4031	Camera Operators, Television, Video, and Motion Picture	30	\$12.76	\$10.70
<b>Healthcare Practitioners and Technical Occupations</b>				
29-1011	Chiropractors	20	\$39.87	\$41.24
29-1020	Dentists	80	\$53.03	\$53.46
29-1031	Dietitians and Nutritionists	70	\$17.21	\$17.11
29-1041	Optometrists	40	\$49.73	\$54.09
29-1051	Pharmacists	460	\$31.03	\$32.43
29-1062	Family and General Practitioners	140	\$52.52	\$54.85
29-1063	Internists, General	130	\$54.75	\$55.06

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
29-1064	Obstetricians and Gynecologists	NA	\$71.12	\$75.74
29-1065	Pediatricians, General	60	\$51.33	\$53.97
29-1066	Psychiatrists	20	\$60.98	\$60.05
29-1067	Surgeons	200	\$72.58	\$75.74
29-1071	Physician Assistants	50	\$26.49	\$28.91
29-1111	Registered Nurses	4,000	\$19.27	\$19.05
29-1121	Audiologists	30	\$24.44	\$25.01
29-1122	Occupational Therapists	130	\$24.26	\$23.23
29-1123	Physical Therapists	190	\$24.88	\$24.45
29-1125	Recreational Therapists	90	\$15.77	\$15.36
29-1126	Respiratory Therapists	180	\$16.61	\$16.33
29-1127	Speech-Language Pathologists	170	\$19.27	\$19.15
29-1131	Veterinarians	90	\$22.01	\$20.74
29-1199	Health Diagnosing and Treating Practitioners, All Other	110	\$25.31	\$18.13
29-2011	Medical and Clinical Laboratory Technologists	250	\$18.66	\$17.90
29-2012	Medical and Clinical Laboratory Technicians	310	\$12.76	\$12.13
29-2021	Dental Hygienists	200	\$28.53	\$28.42
29-2031	Cardiovascular Technologists and Technicians	20	\$16.62	\$17.28
29-2032	Diagnostic Medical Sonographers	30	\$22.24	\$20.49
29-2033	Nuclear Medicine Technologists	10	\$22.03	\$21.35
29-2034	Radiologic Technologists and Technicians	360	\$16.25	\$16.14
29-2041	Emergency Medical Technicians and Paramedics	420	\$10.03	\$9.36
29-2051	Dietetic Technicians	60	\$8.60	\$8.45
29-2052	Pharmacy Technicians	350	\$10.16	\$9.68
29-2054	Respiratory Therapy Technicians	30	\$16.47	\$17.10
29-2055	Surgical Technologists	90	\$14.03	\$13.94
29-2056	Veterinary Technologists and Technicians	50	\$10.45	\$10.59
29-2061	Licensed Practical and Licensed Vocational Nurses	1,110	\$13.46	\$13.25
29-2071	Medical Records and Health Information Technicians	370	\$9.97	\$9.09
29-2081	Opticians, Dispensing	180	\$9.02	\$8.38
29-9010	Occupational Health and Safety Specialists and Technicians	70	\$18.70	\$17.98
29-9199	All Other Health Professionals and Technicians	160	\$15.32	\$14.94
<b>Healthcare Support Occupations</b>				
31-1011	Home Health Aides	1,040	\$7.82	\$7.92
31-1012	Nursing Aides, Orderlies, and Attendants	2,610	\$8.83	\$8.60
31-1013	Psychiatric Aides	100	\$9.39	\$9.00
31-2012	Occupational Therapist Aides	90	\$8.14	\$7.25
31-2021	Physical Therapist Assistants	100	\$14.18	\$14.99
31-2022	Physical Therapist Aides	40	\$12.72	\$9.78
31-9091	Dental Assistants	650	\$10.71	\$10.66
31-9092	Medical Assistants	500	\$9.71	\$9.62
31-9094	Medical Transcriptionists	130	\$10.97	\$10.81



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
31-9095	Pharmacy Aides	80	\$8.52	\$8.36
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	80	\$7.64	\$7.55
31-9099	Healthcare Support Workers, All Other	150	\$11.19	\$11.69
<b>Protective Service Occupations</b>				
33-1011	First-Line Supervisors/Managers of Correctional Officers	70	\$21.36	\$21.24
33-1012	First-Line Supervisors/Managers of Police and Detectives	300	\$21.86	\$22.69
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	130	\$16.30	\$13.97
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	30	\$19.53	\$18.62
33-2011	Fire Fighters	920	\$10.32	\$9.63
33-2021	Fire Inspectors and Investigators	30	\$18.83	\$18.68
33-3012	Correctional Officers and Jailers	1,560	\$12.83	\$12.45
33-3021	Detectives and Criminal Investigators	270	\$19.60	\$19.85
33-3051	Police and Sheriff's Patrol Officers	1,520	\$15.58	\$15.88
33-9011	Animal Control Workers	10	\$10.91	\$9.97
33-9031	Gaming Surveillance Officers and Gaming Investigators	60	\$11.14	\$10.38
33-9032	Security Guards	2,410	\$7.61	\$6.54
33-9091	Crossing Guards	70	\$8.49	\$8.22
<b>Food Preparation and Serving-Related Occupations</b>				
35-1011	Chefs and Head Cooks	110	\$11.92	\$10.66
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	900	\$9.69	\$9.10
35-2011	Cooks, Fast Food	1,300	\$6.84	\$6.78
35-2012	Cooks, Institution and Cafeteria	1,650	\$8.47	\$8.25
35-2014	Cooks, Restaurant	1,620	\$7.03	\$6.58
35-2015	Cooks, Short Order	180	\$6.67	\$6.50
35-2021	Food Preparation Workers	1,450	\$7.32	\$7.42
35-3011	Bartenders	2,140	\$6.42	\$6.29
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	3,880	\$7.19	\$7.30
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	610	\$6.71	\$6.61
35-3031	Waiters and Waitresses	7,810	\$6.52	\$6.37
35-3041	Food Servers, Nonrestaurant	590	\$6.62	\$6.60
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	600	\$6.76	\$6.72
35-9021	Dishwashers	1,330	\$6.53	\$6.49
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	330	\$6.62	\$6.64
35-9099	Food Preparation and Serving Related Workers, All Other	120	\$7.81	\$7.28
<b>Building and Grounds Cleaning and Maintenance Occupations</b>				
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	360	\$11.02	\$10.56

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	90	\$14.48	\$13.65
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,590	\$8.55	\$8.14
37-2012	Maids and Housekeeping Cleaners	1,810	\$7.05	\$6.87
37-3011	Landscaping and Groundskeeping Workers	1,410	\$8.41	\$8.03
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	110	\$10.91	\$10.70
37-9099	All Other Building and Grounds Cleaning and Maintenance Workers	50	\$9.47	\$9.15
<b>Personal Care and Service Occupations</b>				
39-1011	Gaming Supervisors	110	\$17.90	\$16.76
39-1012	Slot Key Persons	60	\$10.63	\$9.98
39-1021	First-Line Supervisors/Managers of Personal Service Workers	180	\$10.85	\$10.55
39-2021	Nonfarm Animal Caretakers	220	\$7.62	\$6.86
39-3011	Gaming Dealers	430	\$8.10	\$6.77
39-3012	Gaming and Sports Book Writers and Runners	40	\$8.00	\$7.93
39-3021	Motion Picture Projectionists	10	\$6.97	\$7.03
39-3031	Ushers, Lobby Attendants, and Ticket Takers	90	\$6.64	\$6.45
39-3091	Amusement and Recreation Attendants	320	\$6.86	\$6.50
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	50	\$7.31	\$6.96
39-3099	Entertainment Attendants and Related Workers, All Other	180	\$9.13	\$8.81
39-3199	Gaming Workers, All Other	180	\$9.13	\$8.81
39-4021	Funeral Attendants	120	\$6.75	\$6.65
39-5011	Barbers	80	\$11.78	\$11.02
39-5012	Hairdressers, Hairstylists, and Cosmetologists	530	\$9.17	\$8.42
39-6021	Tour Guides and Escorts	20	\$8.60	\$8.66
39-9011	Child Care Workers	1,030	\$7.08	\$6.88
39-9021	Personal and Home Care Aides	1,340	\$8.08	\$8.07
39-9031	Fitness Trainers and Aerobics Instructors	360	\$10.63	\$7.96
39-9032	Recreation Workers	290	\$9.45	\$8.58
39-9041	Residential Advisors	300	\$7.73	\$7.69
39-9099	Personal Care and Service Workers, All Other	60	\$9.30	\$7.72
<b>Sales and Related Occupations</b>				
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,040	\$12.98	\$11.40
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	160	\$22.01	\$20.16
41-2011	Cashiers	5,760	\$6.96	\$6.68
41-2012	Gaming Change Persons and Booth Cashiers	110	\$8.93	\$8.77
41-2021	Counter and Rental Clerks	540	\$9.25	\$7.65
41-2022	Parts Salespersons	560	\$10.82	\$10.04
41-2031	Retail Salespersons	6,840	\$8.96	\$7.34
41-3011	Advertising Sales Agents	150	\$15.21	\$14.36
41-3021	Insurance Sales Agents	620	\$19.43	\$13.84
41-3031	Securities, Commodities, and Financial Services Sales Agents	80	\$32.08	\$25.09
41-3041	Travel Agents	120	\$11.56	\$10.92



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
41-3099	Sales Representatives, Services, All Other	110	\$20.49	\$18.68
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	270	\$28.25	\$26.28
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	1,310	\$20.50	\$18.80
41-9011	Demonstrators and Product Promoters	400	\$8.06	\$8.11
41-9021	Real Estate Brokers	10	\$34.95	\$31.95
41-9022	Real Estate Sales Agents	180	\$11.16	\$9.27
41-9031	Sales Engineers	20	\$23.51	\$22.03
41-9041	Telemarketers	150	\$12.38	\$11.79
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	10	\$10.53	\$9.00
41-9099	Sales and Related Workers, All Other	460	\$16.46	\$14.25
<b>Office and Administrative Support Occupations</b>				
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	2,510	\$16.20	\$15.00
43-2011	Switchboard Operators, Including Answering Service	480	\$10.68	\$10.26
43-2021	Telephone Operators	60	\$9.03	\$8.38
43-2099	Communications Equipment Operators, All Other	20	\$14.09	\$13.25
43-3011	Bill and Account Collectors	190	\$10.49	\$10.18
43-3021	Billing and Posting Clerks and Machine Operators	650	\$11.99	\$11.89
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,320	\$10.75	\$10.40
43-3041	Gaming Cage Workers	230	\$10.48	\$9.89
43-3051	Payroll and Timekeeping Clerks	280	\$13.29	\$13.26
43-3061	Procurement Clerks	240	\$11.93	\$11.07
43-3071	Tellers	1,020	\$8.47	\$8.34
43-4011	Brokerage Clerks	50	\$14.03	\$13.43
43-4021	Correspondence Clerks	20	\$11.90	\$10.87
43-4031	Court, Municipal, and License Clerks	590	\$11.61	\$10.96
43-4041	Credit Authorizers, Checkers, and Clerks	30	\$12.64	\$12.27
43-4051	Customer Service Representatives	3,100	\$12.05	\$11.93
43-4061	Eligibility Interviewers, Government Programs	620	\$15.35	\$15.43
43-4071	File Clerks	520	\$9.10	\$7.83
43-4081	Hotel, Motel, and Resort Desk Clerks	440	\$7.20	\$7.07
43-4111	Interviewers, Except Eligibility and Loan	140	\$10.19	\$9.44
43-4121	Library Assistants, Clerical	60	\$8.08	\$7.76
43-4131	Loan Interviewers and Clerks	270	\$9.95	\$9.83
43-4141	New Accounts Clerks	50	\$11.93	\$12.15
43-4151	Order Clerks	390	\$9.60	\$9.42
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	260	\$13.83	\$13.51
43-4171	Receptionists and Information Clerks	1,610	\$8.66	\$8.35
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	80	\$8.94	\$8.60

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
43-4999	All Other Financial, Information, and Record Clerks	290	\$11.79	\$10.23
43-5011	Cargo and Freight Agents	30	\$14.05	\$13.56
43-5021	Couriers and Messengers	260	\$8.09	\$7.77
43-5031	Police, Fire, and Ambulance Dispatchers	300	\$10.93	\$10.46
43-5032	Dispatchers, Except Police, Fire, and Ambulance	200	\$15.26	\$14.89
43-5041	Meter Readers, Utilities	170	\$12.36	\$12.92
43-5051	Postal Service Clerks	110	\$18.94	\$19.41
43-5052	Postal Service Mail Carriers	770	\$17.99	\$18.92
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	280	\$13.83	\$12.96
43-5061	Production, Planning, and Expediting Clerks	480	\$15.01	\$14.72
43-5071	Shipping, Receiving, and Traffic Clerks	1,010	\$10.91	\$10.08
43-5081	Stock Clerks and Order Fillers	3,480	\$9.32	\$8.15
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	50	\$11.43	\$11.52
43-5199	All Other Material Recording, Scheduling, Dispatching, and Distributing Workers	60	\$12.78	\$11.65
43-6011	Executive Secretaries and Administrative Assistants	1,510	\$15.03	\$14.53
43-6012	Legal Secretaries	160	\$12.92	\$12.88
43-6013	Medical Secretaries	450	\$9.69	\$9.69
43-6014	Secretaries, Except Legal, Medical, and Executive	3,520	\$10.57	\$10.27
43-9011	Computer Operators	470	\$13.49	\$13.32
43-9021	Data Entry Keyers	580	\$9.43	\$8.70
43-9022	Word Processors and Typists	390	\$12.76	\$12.42
43-9031	Desktop Publishers	80	\$12.98	\$12.42
43-9041	Insurance Claims and Policy Processing Clerks	510	\$11.90	\$10.11
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	420	\$8.67	\$8.52
43-9061	Office Clerks, General	7,030	\$9.88	\$9.68
43-9071	Office Machine Operators, Except Computer	100	\$10.10	\$9.72
43-9111	Statistical Assistants	40	\$13.35	\$12.94
43-9999	All Other Secretaries, Administrative Assistants, and Other Office Support	700	\$14.53	\$13.46
<b>Farming, Fishing, and Forestry Occupations</b>				
45-2011	Agricultural Inspectors	130	\$20.40	\$15.48
45-2041	Graders and Sorters, Agricultural Products	30	\$13.34	\$13.13
45-2091	Agricultural Equipment Operators	70	\$12.21	\$12.11
45-2093	Farmworkers, Farm and Ranch Animals	70	\$7.71	\$7.41
<b>Construction and Extraction Occupations</b>				
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	990	\$18.87	\$18.77
47-2021	Brickmasons and Blockmasons	70	\$22.30	\$21.28
47-2031	Carpenters	1,170	\$15.15	\$15.06
47-2041	Carpet Installers	100	\$18.69	\$19.66



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	NA	\$19.78	\$20.00
47-2043	Floor Sanders and Finishers	40	\$11.62	\$10.00
47-2051	Cement Masons and Concrete Finishers	440	\$13.78	\$13.28
47-2061	Construction Laborers	1,740	\$11.57	\$11.02
47-2071	Paving, Surfacing, and Tamping Equipment Operators	120	\$11.57	\$10.91
47-2073	Operating Engineers and Other Construction Equipment Operators	1,910	\$13.31	\$12.61
47-2081	Drywall and Ceiling Tile Installers	190	\$14.11	\$13.36
47-2082	Tapers	50	\$16.84	\$17.37
47-2111	Electricians	800	\$18.30	\$18.48
47-2121	Glaziers	90	\$13.10	\$12.95
47-2130	Insulation Workers	120	\$12.79	\$11.84
47-2141	Painters, Construction and Maintenance	520	\$12.76	\$11.47
47-2142	Paperhangers	70	\$16.81	\$19.01
47-2152	Plumbers, Pipefitters, and Steamfitters	570	\$16.95	\$14.96
47-2181	Roofers	250	\$13.71	\$13.08
47-2211	Sheet Metal Workers	410	\$20.81	\$22.25
47-2221	Structural Iron and Steel Workers	30	\$14.60	\$14.29
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	70	\$12.93	\$12.75
47-3012	Helpers--Carpenters	230	\$11.03	\$11.00
47-3013	Helpers--Electricians	40	\$11.45	\$10.77
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	30	\$10.79	\$10.68
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	30	\$11.55	\$11.26
47-3016	Helpers--Roofers	70	\$9.57	\$9.64
47-4011	Construction and Building Inspectors	130	\$17.96	\$18.53
47-4041	Hazardous Materials Removal Workers	50	\$15.55	\$15.87
47-4051	Highway Maintenance Workers	520	\$10.74	\$10.51
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30	\$14.85	\$13.07
47-4999	All Other Construction Trades and Related Workers	140	\$11.32	\$10.74
47-5021	Earth Drillers, Except Oil and Gas	10	\$12.51	\$11.61
47-5081	Helpers--Extraction Workers	20	\$9.29	\$8.57
<b>Installation, Maintenance, and Repair Occupations</b>				
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,120	\$21.34	\$20.68
49-2011	Computer, Automated Teller, and Office Machine Repairers	310	\$15.07	\$14.51
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	800	\$18.01	\$19.11
49-2091	Avionics Technicians	60	\$20.69	\$20.53
49-2092	Electric Motor, Power Tool, and Related Repairers	40	\$18.77	\$19.62
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	70	\$18.59	\$18.96

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	170	\$25.53	\$26.03
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	10	\$9.95	\$10.01
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	110	\$10.91	\$10.43
49-2098	Security and Fire Alarm Systems Installers	40	\$16.42	\$15.69
49-2099	All Other Electrical and Electronic Equipment Mechanics, Installers, and Repairers	20	\$21.49	\$20.93
49-3011	Aircraft Mechanics and Service Technicians	120	\$18.75	\$18.90
49-3021	Automotive Body and Related Repairers	190	\$16.06	\$13.63
49-3023	Automotive Service Technicians and Mechanics	1,700	\$14.37	\$13.89
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	900	\$17.45	\$16.47
49-3041	Farm Equipment Mechanics	250	\$12.44	\$11.09
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	550	\$15.90	\$15.78
49-3043	Rail Car Repairers	20	\$12.21	\$10.89
49-3051	Motorboat Mechanics	50	\$9.31	\$9.18
49-3052	Motorcycle Mechanics	30	\$13.37	\$13.90
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	\$10.85	\$10.68
49-3093	Tire Repairers and Changers	100	\$9.72	\$9.23
49-3099	All Other Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	70	\$12.09	\$12.19
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	40	\$22.46	\$22.69
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	250	\$16.74	\$16.41
49-9031	Home Appliance Repairers	100	\$12.52	\$11.44
49-9041	Industrial Machinery Mechanics	410	\$17.02	\$16.97
49-9042	Maintenance and Repair Workers, General	2,570	\$12.46	\$11.76
49-9043	Maintenance Workers, Machinery	180	\$14.20	\$14.98
49-9044	Millwrights	90	\$20.52	\$20.59
49-9051	Electrical Power-Line Installers and Repairers	500	\$22.68	\$23.90
49-9052	Telecommunications Line Installers and Repairers	380	\$20.56	\$23.03
49-9062	Medical Equipment Repairers	40	\$16.34	\$15.95
49-9064	Watch Repairers	50	\$11.06	\$11.86
49-9069	Precision Instrument and Equipment Repairers, All Other	20	\$15.03	\$14.59
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	20	\$12.73	\$13.08
49-9095	Manufactured Building and Mobile Home Installers	30	\$12.02	\$11.16
49-9098	Helpers--Installation, Maintenance, and Repair Workers	230	\$9.36	\$8.87
49-9099	Installation, Maintenance, and Repair Workers, All Other	230	\$12.37	\$10.92
<b>Production Occupations</b>				
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,140	\$18.56	\$18.20
51-2021	Coil Winders, Tapers, and Finishers	100	\$10.03	\$8.55
51-2022	Electrical and Electronic Equipment Assemblers	990	\$9.70	\$9.84
51-2031	Engine and Other Machine Assemblers	20	\$11.10	\$10.52



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
51-2041	Structural Metal Fabricators and Fitters	70	\$12.98	\$12.58
51-2092	Team Assemblers	1,190	\$12.17	\$11.14
51-2099	Assemblers and Fabricators, All Other	230	\$8.23	\$7.42
51-3011	Bakers	170	\$9.15	\$8.91
51-3021	Butchers and Meat Cutters	210	\$11.88	\$11.17
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	110	\$9.58	\$8.94
51-3092	Food Batchmakers	270	\$10.59	\$8.80
51-3093	Food Cooking Machine Operators and Tenders	190	\$9.84	\$8.84
51-3099	All Other Food Processing Workers	640	\$8.05	\$7.98
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	60	\$14.32	\$14.36
51-4012	Numerical Tool and Process Control Programmers	10	\$15.21	\$14.16
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	10	\$11.82	\$12.10
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	320	\$11.94	\$11.09
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	500	\$11.24	\$9.82
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	100	\$10.56	\$10.52
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	180	\$9.64	\$8.85
51-4041	Machinists	270	\$15.37	\$13.99
51-4051	Metal-Refining Furnace Operators and Tenders	20	\$12.82	\$12.95
51-4052	Pourers and Casters, Metal	10	\$12.82	\$12.95
51-4071	Foundry Mold and Coremakers	100	\$12.93	\$13.06
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	270	\$11.43	\$11.79
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	60	\$12.66	\$12.55
51-4111	Tool and Die Makers	70	\$14.68	\$12.57
51-4121	Welders, Cutters, Solderers, and Brazers	1,050	\$12.05	\$11.96
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	140	\$11.33	\$10.16
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	80	\$15.05	\$13.23
51-5011	Bindery Workers	270	\$9.38	\$9.39
51-5012	Bookbinders	50	\$14.11	\$14.66
51-5021	Job Printers	20	\$13.16	\$12.60
51-5022	Prepress Technicians and Workers	390	\$13.70	\$13.73
51-5023	Printing Machine Operators	590	\$13.11	\$12.92
51-5099	All Other Printing Workers	20	\$12.64	\$12.28
51-6011	Laundry and Dry-Cleaning Workers	400	\$6.81	\$6.65

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
51-6021	Pressers, Textile, Garment, and Related Materials	70	\$8.27	\$8.34
51-6031	Sewing Machine Operators	120	\$9.24	\$9.36
51-6052	Tailors, Dressmakers, and Custom Sewers	30	\$7.86	\$7.79
51-7011	Cabinetmakers and Bench Carpenters	270	\$11.24	\$11.51
51-7032	Patternmakers, Wood	40	\$12.95	\$13.08
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	60	\$8.48	\$8.35
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	160	\$7.93	\$7.88
51-8012	Power Distributors and Dispatchers	110	\$25.39	\$26.03
51-8013	Power Plant Operators	300	\$19.70	\$20.31
51-8021	Stationary Engineers and Boiler Operators	50	\$18.98	\$18.51
51-8031	Water and Liquid Waste Treatment Plant and System Operators	160	\$13.49	\$12.15
51-8091	Chemical Plant and System Operators	10	\$19.78	\$20.00
51-9011	Chemical Equipment Operators and Tenders	70	\$17.40	\$16.62
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	10	\$10.52	\$9.18
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	160	\$11.81	\$11.93
51-9022	Grinding and Polishing Workers, Hand	40	\$10.21	\$10.11
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	390	\$12.87	\$12.84
51-9031	Cutters and Trimmers, Hand	10	\$10.67	\$10.14
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	180	\$11.36	\$10.93
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	180	\$11.69	\$10.75
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	30	\$12.59	\$12.30
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	720	\$13.03	\$12.42
51-9071	Jewelers and Precious Stone and Metal Workers	30	\$14.87	\$15.68
51-9081	Dental Laboratory Technicians	110	\$13.06	\$12.75
51-9083	Ophthalmic Laboratory Technicians	60	\$10.30	\$10.25
51-9111	Packaging and Filling Machine Operators and Tenders	190	\$11.03	\$10.68
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	110	\$12.95	\$12.92
51-9122	Painters, Transportation Equipment	100	\$15.99	\$16.06
51-9123	Painting, Coating, and Decorating Workers	60	\$9.63	\$9.60
51-9132	Photographic Processing Machine Operators	80	\$8.80	\$7.82
51-9191	Cementing and Gluing Machine Operators and Tenders	60	\$10.23	\$10.31
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators, and Tenders	50	\$12.30	\$12.12
51-9193	Cooling and Freezing Equipment Operators and Tenders	10	\$11.08	\$8.98
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	10	\$11.04	\$8.38
51-9196	Paper Goods Machine Setters, Operators, and Tenders	110	\$12.02	\$10.97
51-9197	Tire Builders	480	\$19.97	\$21.59



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
51-9198	Helpers--Production Workers	630	\$9.75	\$9.54
51-9199	Production Workers, All Other	190	\$9.24	\$8.52
<b>Transportation and Material Moving Occupations</b>				
53-1011	Aircraft Cargo Handling Supervisors	20	\$25.79	\$26.97
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	200	\$15.55	\$15.16
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	310	\$18.76	\$17.53
53-3021	Bus Drivers, Transit and Intercity	410	\$11.08	\$10.60
53-3022	Bus Drivers, School	1,080	\$11.54	\$11.09
53-3031	Driver/Sales Workers	1,430	\$9.87	\$9.28
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,370	\$13.98	\$13.48
53-3033	Truck Drivers, Light or Delivery Services	3,220	\$9.69	\$7.17
53-3041	Taxi Drivers and Chauffeurs	120	\$7.37	\$6.80
53-3099	Motor Vehicle Operators, All Other	130	\$11.47	\$8.80
53-6021	Parking Lot Attendants	60	\$7.45	\$6.96
53-6031	Service Station Attendants	430	\$7.70	\$7.69
53-6051	Transportation Inspectors	70	\$14.96	\$14.52
53-6099	Transportation Workers, All Other	NA	\$13.82	\$9.48
53-7011	Conveyor Operators and Tenders	160	\$12.03	\$11.76
53-7021	Crane and Tower Operators	60	\$14.48	\$13.42
53-7032	Excavating and Loading Machine and Dragline Operators	70	\$13.20	\$13.15
53-7041	Hoist and Winch Operators	10	\$10.23	\$10.17
53-7051	Industrial Truck and Tractor Operators	2,050	\$10.75	\$10.88
53-7061	Cleaners of Vehicles and Equipment	380	\$7.61	\$7.43
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,980	\$9.79	\$8.99
53-7063	Machine Feeders and Offbearers	360	\$12.45	\$12.16
53-7064	Packers and Packagers, Hand	1,390	\$8.26	\$7.65
53-7073	Wellhead Pumpers	NA	\$12.91	\$13.05
53-7081	Refuse and Recyclable Material Collectors	20	\$9.57	\$9.18
53-7121	Tank Car, Truck, and Ship Loaders	110	\$12.15	\$12.42

NA - Not Available

Local Area II  
Average Annual Wages For Selected Occupations

Code	Occupational Title	Estimated Employment	Annual Wage
11-9032	Education Administrators, Elementary and Secondary School	400	\$58,047
25-1011	Business Teachers, Postsecondary	190	\$33,489
25-1021	Computer Science Teachers, Postsecondary	50	\$42,668
25-1022	Mathematical Science Teachers, Postsecondary	30	\$35,059
25-1032	Engineering Teachers, Postsecondary	20	\$36,947
25-1042	Biological Science Teachers, Postsecondary	30	\$47,985
25-1063	Economics Teachers, Postsecondary	10	\$45,082
25-1065	Political Science Teachers, Postsecondary	10	\$43,342
25-1066	Psychology Teachers, Postsecondary	40	\$34,816
25-1067	Sociology Teachers, Postsecondary	20	\$41,797
25-1081	Education Teachers, Postsecondary	140	\$33,878
25-1121	Art, Drama, and Music Teachers, Postsecondary	130	\$35,541
25-1122	Communications Teachers, Postsecondary	30	\$40,484
25-1123	English Language and Literature Teachers, Postsecondary	50	\$38,210
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	\$33,433
25-1125	History Teachers, Postsecondary	20	\$30,553
25-1126	Philosophy and Religion Teachers, Postsecondary	50	\$32,941
25-1191	Graduate Teaching Assistants	20	\$34,096
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	20	\$34,281
25-2012	Kindergarten Teachers, Except Special Education	220	\$32,219
25-2021	Elementary School Teachers, Except Special Education	3,060	\$34,185
25-2022	Middle School Teachers, Except Special and Vocational Education	1,250	\$33,791
25-2023	Vocational Education Teachers, Middle School	10	\$35,292
25-2031	Secondary School Teachers, Except Special and Vocational Education	2,160	\$33,630
25-2032	Vocational Education Teachers, Secondary School	200	\$33,870
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	520	\$38,422
25-2042	Special Education Teachers, Middle School	180	\$34,132
25-2043	Special Education Teachers, Secondary School	310	\$36,603
25-3999	All Other Teachers, Primary, Secondary, and Adult	1,000	\$19,420
25-9041	Teacher Assistants	3,530	\$17,677
27-2012	Producers and Directors	60	\$38,432
27-2022	Coaches and Scouts	320	\$33,106
27-2023	Umpires, Referees, and Other Sports Officials	170	\$19,655
29-9091	Athletic Trainers	140	\$36,580
53-2011	Airline Pilots, Copilots, and Flight Engineers	40	\$59,160
53-2012	Commercial Pilots	40	\$44,897

NA - Not Available

